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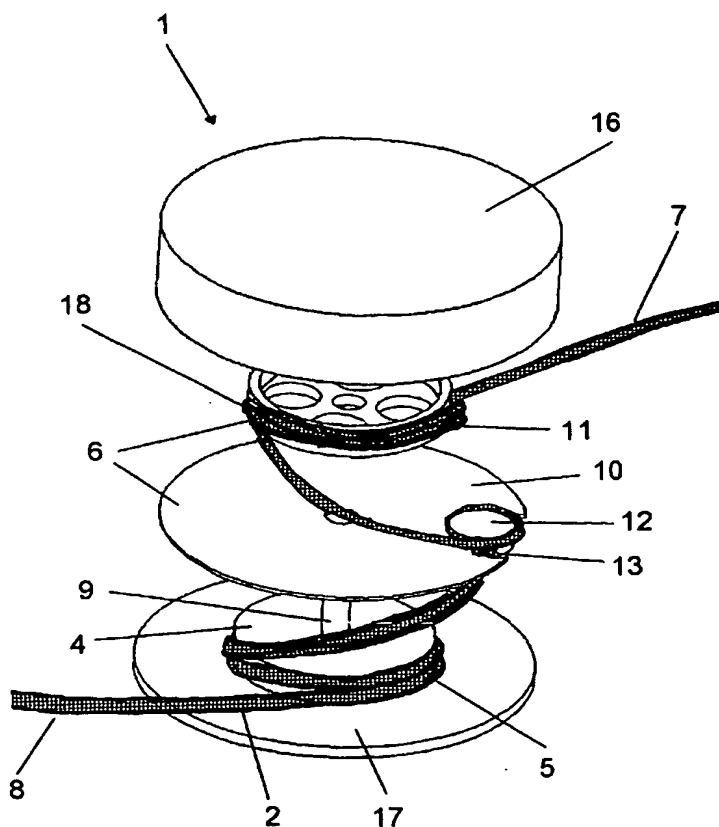
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| <p>(51) <b>International Patent Classification<sup>7</sup>:</b>      <b>A61M 39/08</b>,<br/>B65H 75/34</p> <p>(21) <b>International Application Number:</b><br/>PCT/DK2003/000572</p> <p>(22) <b>International Filing Date:</b><br/>2 September 2003 (02.09.2003)</p> <p>(25) <b>Filing Language:</b> English</p> <p>(26) <b>Publication Language:</b> English</p> <p>(30) <b>Priority Data:</b><br/>PA 2002 01286      2 September 2002 (02.09.2002)      DK</p> <p>(71) <b>Applicant (for all designated States except US):</b> UN-<br/>OMEDICAL A/S [DK/DK]; Engmosen 1, DK-3540<br/>Lynge (DK).</p> <p>(72) <b>Inventors; and</b></p> <p>(75) <b>Inventors/Applicants (for US only):</b> MOGENSEN,</p> | <p>Lasse, Wesseltoft [DK/DK]; Jacob Bulls Allé 100, 1.,<br/>DK-2860 Søborg (DK). GÖRANSSON, Magnus, Walter<br/>[SE/SE]; Folkungagatan 11, SE-41102 Göteborg (SE).</p> <p>(74) <b>Agent:</b> ZACCO DENMARK A/S; Hans Bekkevolds Alle<br/>7, DK-2900 Hellerup (DK).</p> <p>(81) <b>Designated States (national):</b> AE, AG, AL, AM, AT (uti-<br/>lity model), AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA,<br/>CH, CN, CO, CR, CU, CZ (utility model), CZ, DE (uti-<br/>lity model), DE, DK (utility model), DK, DM, DZ, EC, EE<br/>(utility model), EE, ES, FI (utility model), FI, GB, GD, GE,<br/>GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ,<br/>LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN,<br/>MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT (utility<br/>model), PT, RO, RU, SC, SD, SE, SG, SK (utility model),<br/>SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ,<br/>VC, VN, YU, ZA, ZM, ZW.</p> <p>(84) <b>Designated States (regional):</b> ARIPO patent (GH, GM,<br/>KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW).</p> |
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*[Continued on next page]*

- (54) Title:** AN APPARATUS AND A METHOD FOR ADJUSTMENT OF THE LENGTH OF AN INFUSION TUBING



**(57) Abstract:** The invention relates to an apparatus/a medical utensil (1) for adjustment of the length of an infusion tubing (2), comprising a housing (3) with an axle/cylinder part (4) arranged about a center axis, said housing (3) further comprising at least one turnable unit (6), wherein the housing (3) comprises a first axle (4); and about which axle (9) the turnable unit (6) turns. Hereby winding is enabled of an infusion tubing with adjustment of the connecting length between pump and the site of infusion, and wherein the apparatus is independent of infusion cannula and pump. The apparatus enables reuse due to said independence. The system also enables the user to locate the winding unit anywhere on his body he may find suitable with regard to physiology and with regard to clothing. It is thus possible to arrange it underneath one's sweater, in one's waistband, pocket or the like. Moreover an automatic winder is accomplished, and wherein increase and reduction of the length is accomplished in a simple manner. The construction is particularly suitable for the handicapped, and likewise it saves time for hospital staff in connection with patients who use infusion units.

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ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,  
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## INTERNATIONAL SEARCH REPORT

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 PCT/ 3/00572

 A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 A61M39/08 B65H75/34

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61M B65H H02G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02 46080 A (HWANG NIAN CHIH ;SINGAPORE GENERAL HOSPITAL PTE (SG)) 13 June 2002 (2002-06-13) abstract	1-3
A	---	4-14
X	US 5 975 120 A (NOVOSEL LORRAINE LEY) 2 November 1999 (1999-11-02) column 3, line 50 - line 53 abstract	1,2
X	GB 478 803 A (PIETRO LUIGI DADINA) 25 January 1938 (1938-01-25) page 1, line 82 - line 98 ---	1,3,4,9, 12-14
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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## INTERNATIONAL SEARCH REPORT

Intern: Application No

PCT/93/00572

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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A	US 5 236 143 A (DRAGON BRADLEY P) 17 August 1993 (1993-08-17) abstract; figures 2-4 -----	1-14

# INTERNATIONAL SEARCH REPORT

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International Application No

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